



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

September 1993

AUGUST 1993

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

California's agricultural employment totaled 434,900 in August 1993, an increase of 12,100 from July. (Table 1-A.) This was a two percent increase from the August 1992 level. Employment increased in the San Joaquin Valley (Grapes and Farm Labor Contracting), the North Coast (Fruits and Tree Nuts and Agricultural Services) and in the Sacramento Valley (Fruits and Tree Nuts). Employment was unchanged in the Central Coast where a decline in Fruits and Tree Nuts was offset by increases in Farm Labor Contracting and Management. Employment declined in the South Coast (Berries and Farm Labor Contracting) and in the Desert (Grapes).

Wage and Salary Workers in Agricultural Establishments

For August 1993

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	434.9	227.2	55.9	70.7	25.6	38.8	16.7
Total Crops	248.2	114.3	38.7	45.3	9.6	27.9	12.0
Total Livestock	26.0	13.2	2.4	1.0	5.2	2.2	2.0
Total Services	160.7	99.7	14.8	24.4	10.8	8.7	2.7

Source: Tables 1-A through 7-A.

Average Hourly Earnings of Production Workers

For August 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.42	6.22	6.40	7.07	7.02	5.89	7.50
Total Crops	6.47	6.31	6.37	6.93	6.85	6.10	7.35
Total Livestock	7.27	7.24	7.14	7.58	8.32	6.44	6.77
Total Services	6.19	5.94	6.34	7.32	6.43	5.05	8.54

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 262-2321. (ATSS 8-469-2321).

Average Hourly Earnings of Production Workers

For August 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.42	6.22	6.40	7.07	7.02	5.89	7.50
Total Crops	6.47	6.31	6.37	6.93	6.85	6.10	7.35
Total Livestock	7.27	7.24	7.14	7.58	8.32	6.44	6.77
Total Services	6.19	5.94	6.34	7.32	6.43	5.05	8.54

Source: Tables 1-E through 7-E.

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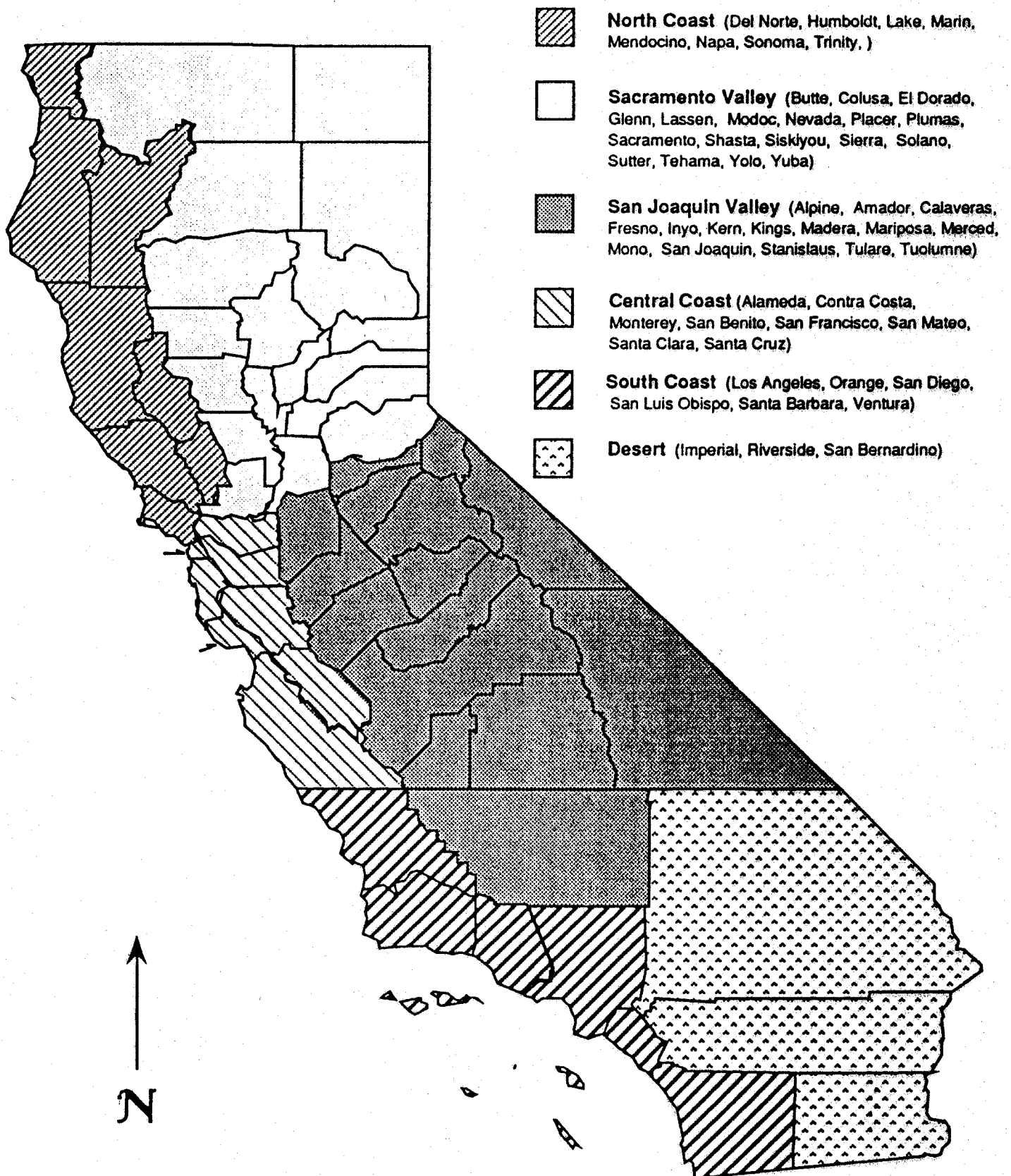
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CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

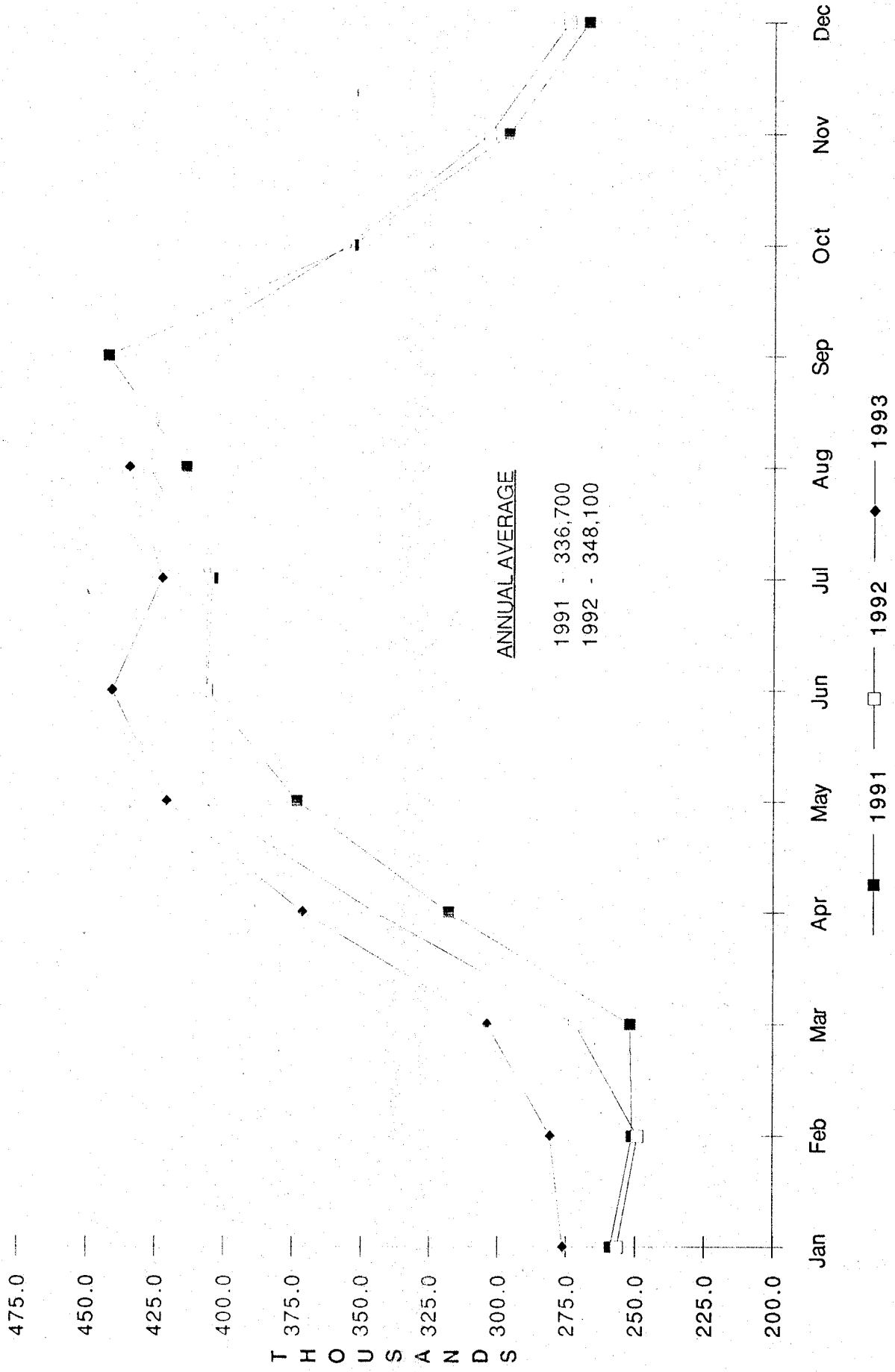


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	434.9	422.8	427.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	248.2	235.4	239.4
CASH GRAINS	3.2	3.4	3.2
RICE	1.7	1.7	1.6
OTHER CASH GRAINS	1.5	1.7	1.6
FIELD CROPS EXCEPT CASH GRAINS	12.2	13.0	12.5
COTTON	6.5	7.0	7.0
OTHER FIELD CROPS	5.7	6.0	5.5
VEGETABLES AND MELONS	36.4	35.6	34.0
TOTAL FRUITS AND TREE NUTS	119.6	104.3	117.4
BERRIES	16.3	19.3	15.8
GRAPES	51.0	36.7	48.9
TREE NUTS	8.2	6.3	8.7
CITRUS FRUITS	4.7	4.9	5.3
DECIDUOUS TREE FRUIT	23.0	21.5	25.5
OTHER FRUITS AND NUTS	16.4	15.6	13.2
TOTAL HORTICULTURAL SPECIALTIES	30.4	31.2	31.6
ORNAMENTAL FLORAL & NURSERY	27.0	27.8	28.1
FOOD CROPS GROWN UNDER COVER	3.4	3.4	3.5
GENERAL FARM PRIMARILY CROP	46.4	47.9	40.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.0	26.1	26.6
BEEF CATTLE FEED LOTS	0.6	0.6	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.8	3.9
DAIRY FARMS	13.4	13.4	13.4
CHICKEN EGGS	2.8	2.8	2.9
TURKEYS & TURKEY EGGS	1.1	1.1	1.1
OTHER LIVESTOCK	4.4	4.4	4.6
TOTAL AGRICULTURAL SERVICES	160.7	161.3	161.7
SOIL PREPARATION SERVICES	1.0	1.0	1.0
CROP SERVICES	50.5	52.2	50.7
PLANT CULTIVATE & PROTECTION	5.5	5.8	5.5
HARVEST PRIMARILY BY MACHINE	7.7	8.2	8.5
PREPARATION SVCS FOR MARKET	36.6	37.5	36.0
COTTON GINNING	0.7	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	109.2	108.1	110.0
FARM LABOR CONTRACTORS	98.4	95.7	98.8
FARM MANAGEMENT SERVICES	10.8	12.4	11.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	407.1	395.4	398.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	230.1	217.9	220.7
CASH GRAINS	2.8	2.9	2.8
RICE	1.4	1.4	1.3
OTHER CASH GRAINS	1.4	1.5	1.5
FIELD CROPS EXCEPT CASH GRAINS	11.2	12.0	11.5
COTTON	6.0	6.5	6.6
OTHER FIELD CROPS	5.2	5.5	4.9
VEGETABLES AND MELONS	33.8	32.9	31.4
TOTAL FRUITS AND TREE NUTS	114.0	99.1	111.5
BERRIES	16.0	18.9	15.4
GRAPES	48.5	34.3	46.7
TREE NUTS	7.5	5.6	8.0
CITRUS FRUITS	4.2	4.5	4.8
DECIDUOUS TREE FRUIT	22.1	20.8	24.1
OTHER FRUITS AND NUTS	15.7	15.0	12.5
TOTAL HORTICULTURAL SPECIALTIES	25.1	25.9	25.8
ORNAMENTAL FLORAL & NURSERY	22.1	22.9	22.8
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.0
GENERAL FARM PRIMARILY CROP	43.2	45.1	37.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.9	22.9	23.0
BEEF CATTLE FEED LOTS	0.5	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.0	3.2
DAIRY FARMS	12.6	12.6	12.5
CHICKEN EGGS	2.2	2.2	2.0
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.8	3.8	3.9
TOTAL AGRICULTURAL SERVICES	154.1	154.6	155.0
SOIL PREPARATION SERVICES	0.8	0.8	0.8
CROP SERVICES	46.5	48.2	46.3
PLANT CULTIVATE & PROTECTION	4.8	5.1	4.5
HARVEST PRIMARILY BY MACHINE	7.4	7.9	8.2
PREPARATION SVCS FOR MARKET	33.8	34.8	33.2
COTTON GINNING	0.5	0.4	0.4
TOTAL FARM LABOR & MANAGEMENT	106.8	105.6	107.9
FARM LABOR CONTRACTORS	97.0	94.2	97.7
FARM MANAGEMENT SERVICES	9.8	11.4	10.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	280.55	273.49	268.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	294.39	280.72	284.21
CASH GRAINS	334.37	343.79	323.94
RICE	348.50	355.49	329.50
OTHER CASH GRAINS	319.73	332.86	319.40
FIELD CROPS EXCEPT CASH GRAINS	333.21	336.93	313.11
COTTON	337.62	344.50	310.22
OTHER FIELD CROPS	328.86	328.41	316.71
VEGETABLES AND MELONS	314.62	313.02	319.43
TOTAL FRUITS AND TREE NUTS	277.06	254.82	261.99
BERRIES	295.16	265.23	276.92
GRAPES	294.95	271.09	274.96
TREE NUTS	256.54	268.91	271.18
CITRUS FRUITS	274.51	261.58	275.41
DECIDUOUS TREE FRUIT	230.62	219.08	228.52
OTHER FRUITS AND NUTS	277.94	247.05	249.71
TOTAL HORTICULTURAL SPECIALTIES	307.32	305.84	309.85
ORNAMENTAL FLORAL & NURSERY	300.57	296.70	304.06
FOOD CROPS GROWN UNDER COVER	350.45	374.75	348.73
GENERAL FARM PRIMARILY CROP	304.49	281.70	290.52
TOTAL AGRIC PRODUCTION/LIVESTOCK	360.59	344.87	358.00
BEEF CATTLE FEED LOTS	411.07	404.80	378.00
BEEF CATTLE EXCEPT FEED LOTS	341.50	330.44	339.50
DAIRY FARMS	380.54	357.21	380.74
CHICKEN EGGS	316.19	318.72	345.42
TURKEYS & TURKEY EGGS	354.98	346.62	341.13
OTHER LIVESTOCK	331.91	322.81	306.15
TOTAL AGRICULTURAL SERVICES	248.84	253.37	233.41
SOIL PREPARATION SERVICES	515.35	511.86	515.70
CROP SERVICES	288.81	291.82	267.74
PLANT CULTIVATE & PROTECTION	335.26	321.49	320.85
HARVEST PRIMARILY BY MACHINE	258.09	284.57	258.02
PREPARATION SVCS FOR MARKET	288.69	288.86	261.42
COTTON GINNING	339.29	321.88	328.41
TOTAL FARM LABOR & MANAGEMENT	229.28	234.04	216.73
FARM LABOR CONTRACTORS	223.62	224.84	208.42
FARM MANAGEMENT SERVICES	286.33	304.65	298.76

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	43.7	42.6	41.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.5	44.0	44.2
CASH GRAINS	51.6	53.3	51.5
RICE	50.0	52.9	49.4
OTHER CASH GRAINS	53.2	53.6	53.5
FIELD CROPS EXCEPT CASH GRAINS	51.5	52.4	49.7
COTTON	51.0	53.0	48.7
OTHER FIELD CROPS	52.2	51.8	51.0
VEGETABLES AND MELONS	46.2	46.1	46.7
TOTAL FRUITS AND TREE NUTS	43.7	41.1	41.0
BERRIES	47.0	42.1	42.8
GRAPES	45.1	41.9	41.1
TREE NUTS	42.9	45.5	45.5
CITRUS FRUITS	39.9	39.1	39.4
DECIDUOUS TREE FRUIT	38.5	38.3	39.4
OTHER FRUITS AND NUTS	44.4	40.7	39.7
TOTAL HORTICULTURAL SPECIALTIES	45.8	46.2	45.7
ORNAMENTAL FLORAL & NURSERY	46.1	46.0	46.0
FOOD CROPS GROWN UNDER COVER	43.0	47.8	43.0
GENERAL FARM PRIMARILY CROP	47.8	45.0	48.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.6	47.7	50.0
BEEF CATTLE FEED LOTS	55.4	56.3	56.0
BEEF CATTLE EXCEPT FEED LOTS	45.9	44.0	50.0
DAIRY FARMS	52.2	49.0	52.3
CHICKEN EGGS	48.2	48.0	49.7
TURKEYS & TURKEY EGGS	53.3	53.0	56.2
OTHER LIVESTOCK	43.5	43.8	40.6
TOTAL AGRICULTURAL SERVICES	40.2	39.9	36.3
SOIL PREPARATION SERVICES	56.2	58.7	57.3
CROP SERVICES	41.2	40.7	39.2
PLANT CULTIVATE & PROTECTION	45.8	44.1	44.5
HARVEST PRIMARILY BY MACHINE	35.5	38.3	38.8
PREPARATION SVCS FOR MARKET	41.9	40.8	38.5
COTTON GINNING	40.2	40.9	38.5
TOTAL FARM LABOR & MANAGEMENT	39.6	39.4	34.9
FARM LABOR CONTRACTORS	39.3	38.5	34.0
FARM MANAGEMENT SERVICES	42.8	46.3	44.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	6.42	6.42	6.48
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.47	6.38	6.43
CASH GRAINS	6.48	6.45	6.29
RICE	6.97	6.72	6.67
OTHER CASH GRAINS	6.01	6.21	5.97
FIELD CROPS EXCEPT CASH GRAINS	6.47	6.43	6.30
COTTON	6.62	6.50	6.37
OTHER FIELD CROPS	6.30	6.34	6.21
VEGETABLES AND MELONS	6.81	6.79	6.84
TOTAL FRUITS AND TREE NUTS	6.34	6.20	6.39
BERRIES	6.28	6.30	6.47
GRAPES	6.54	6.47	6.69
TREE NUTS	5.98	5.91	5.96
CITRUS FRUITS	6.88	6.69	6.99
DECIDUOUS TREE FRUIT	5.99	5.72	5.80
OTHER FRUITS AND NUTS	6.26	6.07	6.29
TOTAL HORTICULTURAL SPECIALTIES	6.71	6.62	6.78
ORNAMENTAL FLORAL & NURSERY	6.52	6.45	6.61
FOOD CROPS GROWN UNDER COVER	8.15	7.84	8.11
GENERAL FARM PRIMARILY CROP	6.37	6.26	6.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.27	7.23	7.16
BEEF CATTLE FEED LOTS	7.42	7.19	6.75
BEEF CATTLE EXCEPT FEED LOTS	7.44	7.51	6.79
DAIRY FARMS	7.29	7.29	7.28
CHICKEN EGGS	6.56	6.64	6.95
TURKEYS & TURKEY EGGS	6.66	6.54	6.07
OTHER LIVESTOCK	7.63	7.37	7.59
TOTAL AGRICULTURAL SERVICES	6.19	6.35	6.43
SOIL PREPARATION SERVICES	9.17	8.72	9.00
CROP SERVICES	7.01	7.17	6.83
PLANT CULTIVATE & PROTECTION	7.32	7.29	7.21
HARVEST PRIMARILY BY MACHINE	7.27	7.43	6.65
PREPARATION SVCS FOR MARKET	6.89	7.08	6.79
COTTON GINNING	8.44	7.87	8.53
TOTAL FARM LABOR & MANAGEMENT	5.79	5.94	6.21
FARM LABOR CONTRACTORS	5.69	5.84	6.13
FARM MANAGEMENT SERVICES	6.69	6.58	6.79

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

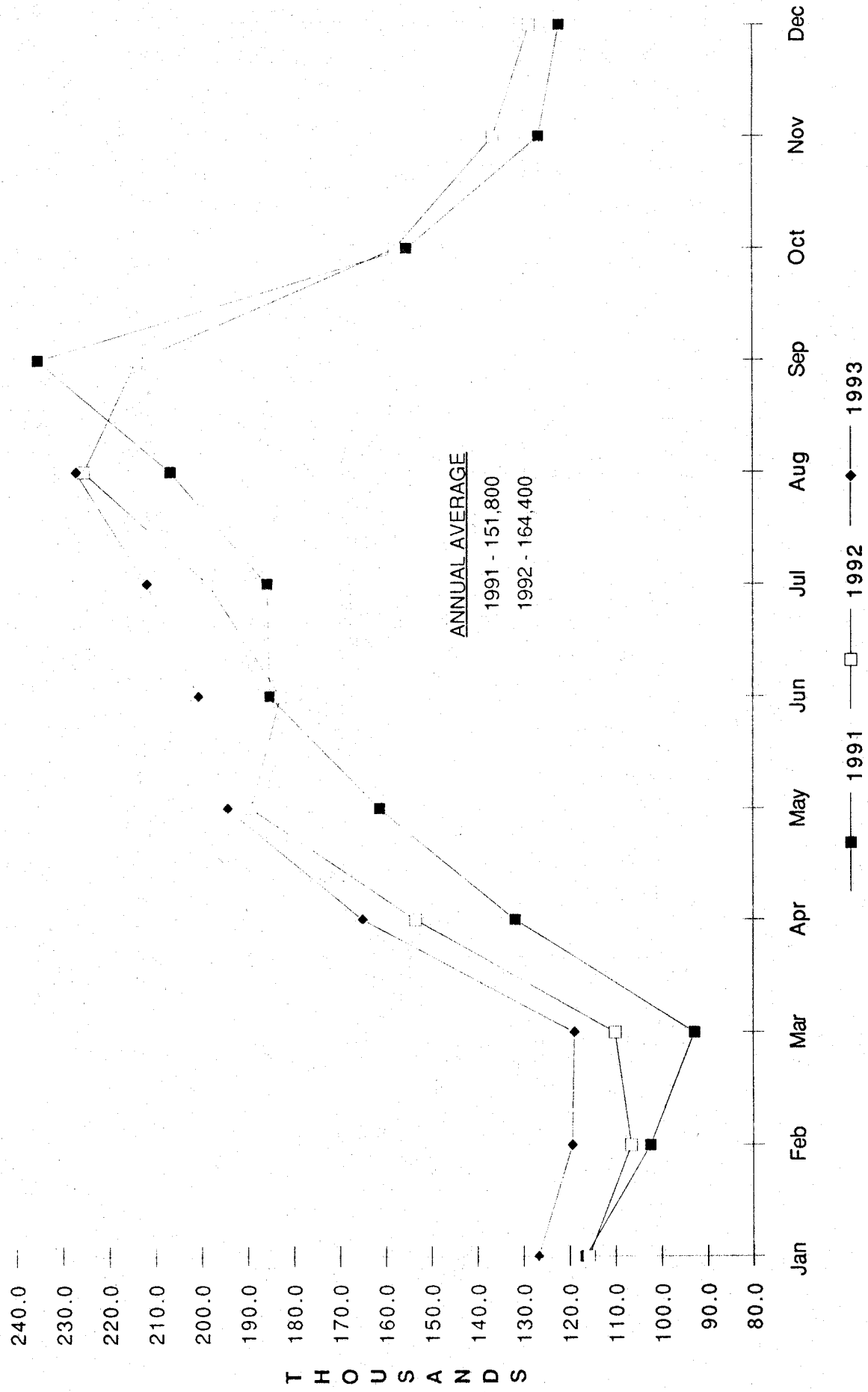


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	227.2	211.7	225.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	114.3	99.4	110.7
TOTAL FIELD CROPS	9.9	10.8	10.1
COTTON	6.3	6.8	6.8
OTHER FIELD CROPS	3.6	4.0	3.3
VEGETABLES AND MELONS	8.8	7.8	6.6
TOTAL FRUITS AND TREE NUTS	68.5	53.0	68.5
GRAPES	38.8	24.9	38.5
TREE NUTS	5.9	4.2	5.7
CITRUS FRUITS	2.1	2.4	2.3
DECIDUOUS TREE FRUIT	11.8	12.1	13.4
OTHER FRUITS AND NUTS	9.9	9.4	8.6
HORTICULTURAL SPECIALTIES	2.3	2.5	2.8
GENERAL FARM PRIMARILY CROP	24.8	25.3	22.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.2	13.4	13.5
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.1	1.2
DAIRY FARMS	8.7	8.7	8.6
POULTRY & EGGS	2.1	2.1	2.3
OTHER LIVESTOCK	1.2	1.3	1.2
TOTAL AGRICULTURAL SERVICES	99.7	98.9	101.3
CROP SERVICES	24.4	25.5	26.6
PLANT CULTIVATE & PROTECTION	3.7	3.9	3.6
HARVEST PRIMARILY BY MACHINE	2.7	3.1	3.2
PREPARATION SVCS FOR MARKET	17.3	17.8	19.2
COTTON GINNING	0.7	0.7	0.6
TOTAL FARM LABOR & MANAGEMENT	75.3	73.4	74.7
FARM LABOR CONTRACTORS	69.2	65.9	68.1
FARM MANAGEMENT SERVICES	6.1	7.5	6.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	216.7	201.6	215.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	108.8	94.3	105.6
TOTAL FIELD CROPS	9.0	10.0	9.3
COTTON	5.8	6.4	6.3
OTHER FIELD CROPS	3.2	3.6	3.0
VEGETABLES AND MELONS	8.4	7.3	6.2
TOTAL FRUITS AND TREE NUTS	66.5	51.1	66.5
GRAPES	38.1	24.3	38.0
TREE NUTS	5.4	3.8	5.3
CITRUS FRUITS	1.9	2.2	2.2
DECIDUOUS TREE FRUIT	11.5	11.7	12.8
OTHER FRUITS AND NUTS	9.6	9.1	8.2
HORTICULTURAL SPECIALTIES	1.9	2.1	2.3
GENERAL FARM PRIMARILY CROP	23.0	23.8	21.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.1	12.2	12.4
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	0.9	0.9	1.0
DAIRY FARMS	8.1	8.1	8.0
POULTRY & EGGS	1.9	1.9	2.1
OTHER LIVESTOCK	1.0	1.1	1.1
TOTAL AGRICULTURAL SERVICES	95.8	95.1	97.5
CROP SERVICES	21.9	23.2	23.8
PLANT CULTIVATE & PROTECTION	3.2	3.4	3.0
HARVEST PRIMARILY BY MACHINE	2.4	3.0	2.9
PREPARATION SVCS FOR MARKET	15.9	16.4	17.5
COTTON GINNING	0.4	0.4	0.4
TOTAL FARM LABOR & MANAGEMENT	73.9	71.9	73.7
FARM LABOR CONTRACTORS	68.2	64.8	67.6
FARM MANAGEMENT SERVICES	5.7	7.1	6.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	270.57	263.50	250.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	287.11	272.00	267.30
TOTAL FIELD CROPS	336.31	336.86	312.75
COTTON	336.96	343.85	309.28
OTHER FIELD CROPS	335.09	324.63	320.71
VEGETABLES AND MELONS	294.38	285.12	303.50
TOTAL FRUITS AND TREE NUTS	275.50	252.13	255.50
GRAPES	294.22	262.92	269.04
TREE NUTS	246.82	269.89	263.43
CITRUS FRUITS	274.22	235.44	257.15
DECIDUOUS TREE FRUIT	226.56	235.34	211.12
OTHER FRUITS AND NUTS	274.92	242.19	256.49
HORTICULTURAL SPECIALTIES	305.92	298.22	307.91
GENERAL FARM PRIMARILY CROP	297.18	282.72	269.67
TOTAL AGRIC PRODUCTION/LIVESTOCK	372.14	354.24	364.15
BEEF CATTLE FEED LOTS	446.35	436.76	416.36
BEEF CATTLE EXCEPT FEED LOTS	370.04	341.04	359.87
DAIRY FARMS	382.84	360.64	374.80
POULTRY & EGGS	343.18	356.21	334.08
OTHER LIVESTOCK	322.61	294.89	335.39
TOTAL AGRICULTURAL SERVICES	239.38	243.18	218.02
CROP SERVICES	288.74	277.57	266.39
PLANT CULTIVATE & PROTECTION	375.00	372.24	331.67
HARVEST PRIMARILY BY MACHINE	353.48	305.14	313.50
PREPARATION SVCS FOR MARKET	260.15	252.06	245.25
COTTON GINNING	340.29	319.90	332.09
TOTAL FARM LABOR & MANAGEMENT	224.14	231.87	202.41
FARM LABOR CONTRACTORS	219.91	223.10	193.63
FARM MANAGEMENT SERVICES	277.65	310.31	297.16

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	43.5	42.5	40.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.5	44.3	42.7
TOTAL FIELD CROPS	51.9	52.8	50.2
COTTON	50.9	52.9	48.4
OTHER FIELD CROPS	53.7	52.7	53.9
VEGETABLES AND MELONS	48.9	49.5	50.0
TOTAL FRUITS AND TREE NUTS	43.8	41.4	40.3
GRAPES	45.9	41.8	41.2
TREE NUTS	41.0	45.9	44.2
CITRUS FRUITS	39.8	36.0	37.0
DECIDUOUS TREE FRUIT	38.4	41.0	37.3
OTHER FRUITS AND NUTS	44.2	40.5	39.4
HORTICULTURAL SPECIALTIES	44.4	43.6	43.8
GENERAL FARM PRIMARILY CROP	46.8	45.6	44.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	51.4	49.2	51.8
BEEF CATTLE FEED LOTS	54.3	54.8	61.5
BEEF CATTLE EXCEPT FEED LOTS	46.9	42.0	53.0
DAIRY FARMS	52.3	49.2	52.2
POULTRY & EGGS	48.2	50.1	48.0
OTHER LIVESTOCK	52.8	52.1	52.9
TOTAL AGRICULTURAL SERVICES	40.3	39.8	35.8
CROP SERVICES	42.4	40.7	39.7
PLANT CULTIVATE & PROTECTION	50.0	50.1	44.7
HARVEST PRIMARILY BY MACHINE	49.3	41.8	47.5
PREPARATION SVCS FOR MARKET	39.9	38.6	37.5
COTTON GINNING	40.9	41.6	39.3
TOTAL FARM LABOR & MANAGEMENT	39.6	39.5	34.6
FARM LABOR CONTRACTORS	39.2	38.4	33.5
FARM MANAGEMENT SERVICES	45.0	49.1	46.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	6.22	6.20	6.25
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.31	6.14	6.26
TOTAL FIELD CROPS	6.48	6.38	6.23
COTTON	6.62	6.50	6.39
OTHER FIELD CROPS	6.24	6.16	5.95
VEGETABLES AND MELONS	6.02	5.76	6.07
TOTAL FRUITS AND TREE NUTS	6.29	6.09	6.34
GRAPES	6.41	6.29	6.53
TREE NUTS	6.02	5.88	5.96
CITRUS FRUITS	6.89	6.54	6.95
DECIDUOUS TREE FRUIT	5.90	5.74	5.66
OTHER FRUITS AND NUTS	6.22	5.98	6.51
HORTICULTURAL SPECIALTIES	6.89	6.84	7.03
GENERAL FARM PRIMARILY CROP	6.35	6.20	6.06
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.24	7.20	7.03
BEEF CATTLE FEED LOTS	8.22	7.97	6.77
BEEF CATTLE EXCEPT FEED LOTS	7.89	8.12	6.79
DAIRY FARMS	7.32	7.33	7.18
POULTRY & EGGS	7.12	7.11	6.96
OTHER LIVESTOCK	6.11	5.66	6.34
TOTAL AGRICULTURAL SERVICES	5.94	6.11	6.09
CROP SERVICES	6.81	6.82	6.71
PLANT CULTIVATE & PROTECTION	7.50	7.43	7.42
HARVEST PRIMARILY BY MACHINE	7.17	7.30	6.60
PREPARATION SVCS FOR MARKET	6.52	6.53	6.54
COTTON GINNING	8.32	7.69	8.45
TOTAL FARM LABOR & MANAGEMENT	5.66	5.87	5.85
FARM LABOR CONTRACTORS	5.61	5.81	5.78
FARM MANAGEMENT SERVICES	6.17	6.32	6.46

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

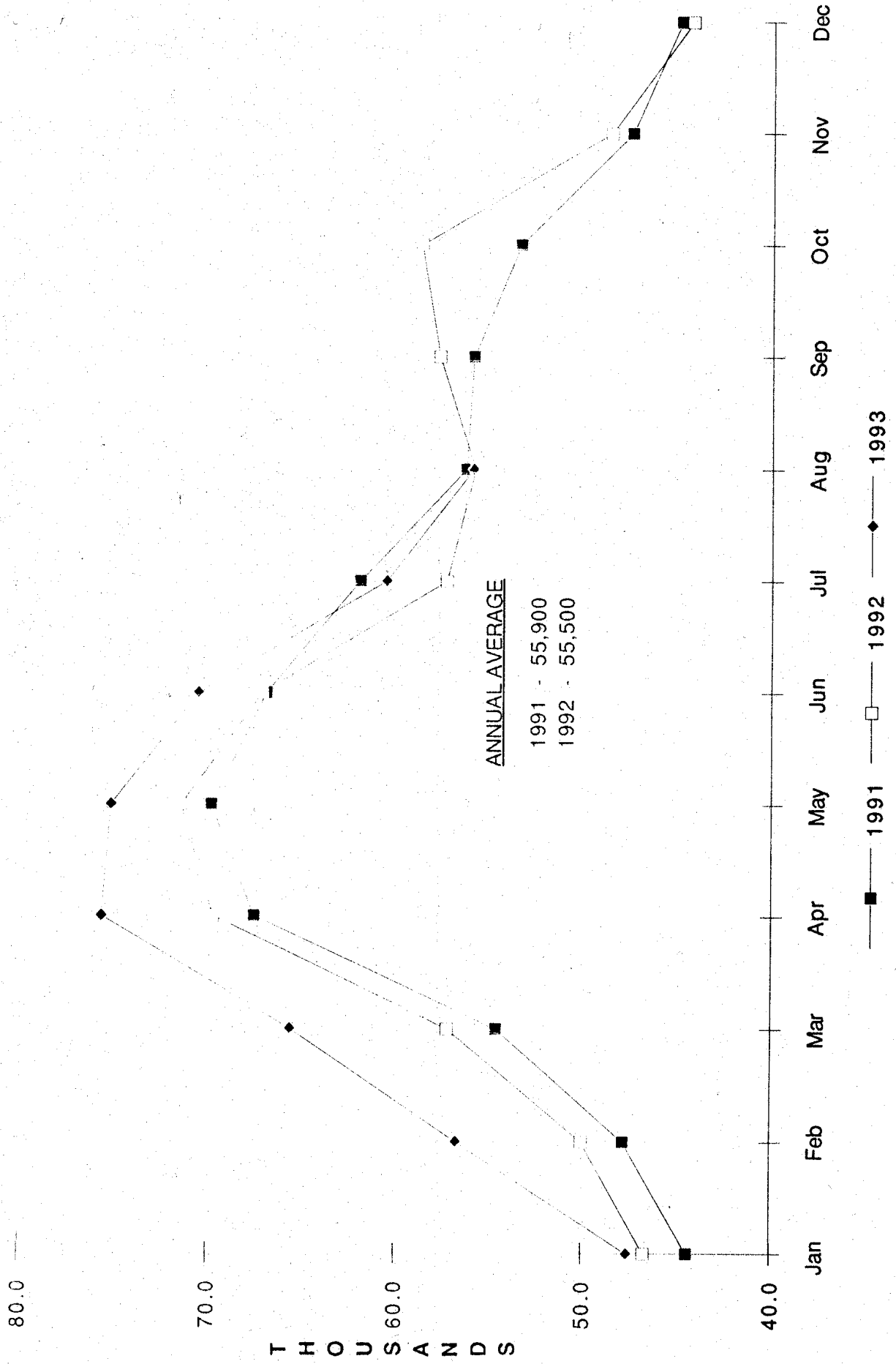


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	55.9	60.5	55.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.7	41.9	36.9
VEGETABLES AND MELONS	7.2	7.3	7.8
TOTAL FRUITS AND TREE NUTS	10.0	13.3	9.2
BERRIES	3.7	7.0	4.0
CITRUS FRUITS	2.2	2.3	2.0
OTHER FRUITS AND NUTS	4.1	4.0	3.2
TOTAL HORTICULTURAL SPECIALTIES	14.5	14.5	15.2
ORNAMENTAL FLORAL & NURSERY	13.6	13.7	14.3
FOOD CROPS GROWN UNDER COVER	0.9	0.8	0.9
GENERAL FARM PRIMARILY CROP	7.0	6.8	4.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.4	2.4	2.4
TOTAL AGRICULTURAL SERVICES	14.8	16.2	16.5
CROP SERVICES	4.6	4.5	4.6
HARVEST PRIMARILY BY MACHINE	1.7	1.7	2.0
PREPARATION SVCS FOR MARKET	2.9	2.8	2.6
TOTAL FARM LABOR & MANAGEMENT	10.2	11.7	11.9
FARM LABOR CONTRACTORS	8.0	9.1	10.1
FARM MANAGEMENT SERVICES	2.2	2.6	1.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	50.1	54.8	49.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	34.1	37.3	32.2
VEGETABLES AND MELONS	6.6	6.7	7.2
TOTAL FRUITS AND TREE NUTS	9.1	12.5	8.4
BERRIES	3.4	6.7	3.7
CITRUS FRUITS	1.9	2.0	1.7
OTHER FRUITS AND NUTS	3.8	3.8	3.0
TOTAL HORTICULTURAL SPECIALTIES	12.0	12.0	12.3
ORNAMENTAL FLORAL & NURSERY	11.2	11.3	11.6
FOOD CROPS GROWN UNDER COVER	0.8	0.7	0.7
GENERAL FARM PRIMARILY CROP	6.4	6.1	4.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.0	1.8
TOTAL AGRICULTURAL SERVICES	13.9	15.5	15.6
CROP SERVICES	4.4	4.4	4.3
HARVEST PRIMARILY BY MACHINE	1.6	1.7	1.9
PREPARATION SVCS FOR MARKET	2.8	2.7	2.4
TOTAL FARM LABOR & MANAGEMENT	9.5	11.1	11.3
FARM LABOR CONTRACTORS	7.7	8.8	9.8
FARM MANAGEMENT SERVICES	1.8	2.3	1.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	283.52	267.96	287.32
TOTAL AGRICULTURAL PRODUCTION/CROPS	296.21	272.59	298.41
VEGETABLES AND MELONS	323.23	291.06	321.28
TOTAL FRUITS AND TREE NUTS	283.58	229.36	273.89
BERRIES	266.94	187.97	260.76
CITRUS FRUITS	264.91	267.07	299.43
OTHER FRUITS AND NUTS	307.59	281.60	240.24
TOTAL HORTICULTURAL SPECIALTIES	292.27	300.33	300.57
ORNAMENTAL FLORAL & NURSERY	290.16	290.16	297.25
FOOD CROPS GROWN UNDER COVER	326.81	459.54	352.21
GENERAL FARM PRIMARILY CROP	294.01	286.60	300.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	324.16	333.50	393.89
TOTAL AGRICULTURAL SERVICES	245.36	248.33	254.18
CROP SERVICES	288.90	313.73	296.42
HARVEST PRIMARILY BY MACHINE	259.18	307.27	264.96
PREPARATION SVCS FOR MARKET	306.00	317.36	321.44
TOTAL FARM LABOR & MANAGEMENT	225.54	222.50	237.57
FARM LABOR CONTRACTORS	209.57	219.21	227.14
FARM MANAGEMENT SERVICES	296.23	235.52	305.69

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	44.3	42.0	44.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.5	43.2	46.7
VEGETABLES AND MELONS	48.9	44.1	49.2
TOTAL FRUITS AND TREE NUTS	45.3	37.6	44.9
BERRIES	48.8	35.4	42.4
CITRUS FRUITS	38.9	40.1	41.3
OTHER FRUITS AND NUTS	45.3	40.0	44.0
TOTAL HORTICULTURAL SPECIALTIES	46.1	47.0	46.1
ORNAMENTAL FLORAL & NURSERY	46.5	46.5	46.3
FOOD CROPS GROWN UNDER COVER	40.8	55.3	42.9
GENERAL FARM PRIMARILY CROP	46.3	46.3	47.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.4	46.0	53.3
TOTAL AGRICULTURAL SERVICES	38.7	38.5	37.6
CROP SERVICES	45.0	45.8	43.4
HARVEST PRIMARILY BY MACHINE	36.3	41.3	36.0
PREPARATION SVCS FOR MARKET	50.0	48.6	49.3
TOTAL FARM LABOR & MANAGEMENT	35.8	35.6	35.3
FARM LABOR CONTRACTORS	34.3	35.3	33.7
FARM MANAGEMENT SERVICES	42.5	36.8	45.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	6.40	6.38	6.53
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.37	6.31	6.39
VEGETABLES AND MELONS	6.61	6.60	6.53
TOTAL FRUITS AND TREE NUTS	6.26	6.10	6.10
BERRIES	5.47	5.31	6.15
CITRUS FRUITS	6.81	6.66	7.25
OTHER FRUITS AND NUTS	6.79	7.04	5.46
TOTAL HORTICULTURAL SPECIALTIES	6.34	6.39	6.52
ORNAMENTAL FLORAL & NURSERY	6.24	6.24	6.42
FOOD CROPS GROWN UNDER COVER	8.01	8.31	8.21
GENERAL FARM PRIMARILY CROP	6.35	6.19	6.33
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.14	7.25	7.39
TOTAL AGRICULTURAL SERVICES	6.34	6.45	6.76
CROP SERVICES	6.42	6.85	6.83
HARVEST PRIMARILY BY MACHINE	7.14	7.44	7.36
PREPARATION SVCS FOR MARKET	6.12	6.53	6.52
TOTAL FARM LABOR & MANAGEMENT	6.30	6.25	6.73
FARM LABOR CONTRACTORS	6.11	6.21	6.74
FARM MANAGEMENT SERVICES	6.97	6.40	6.66

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

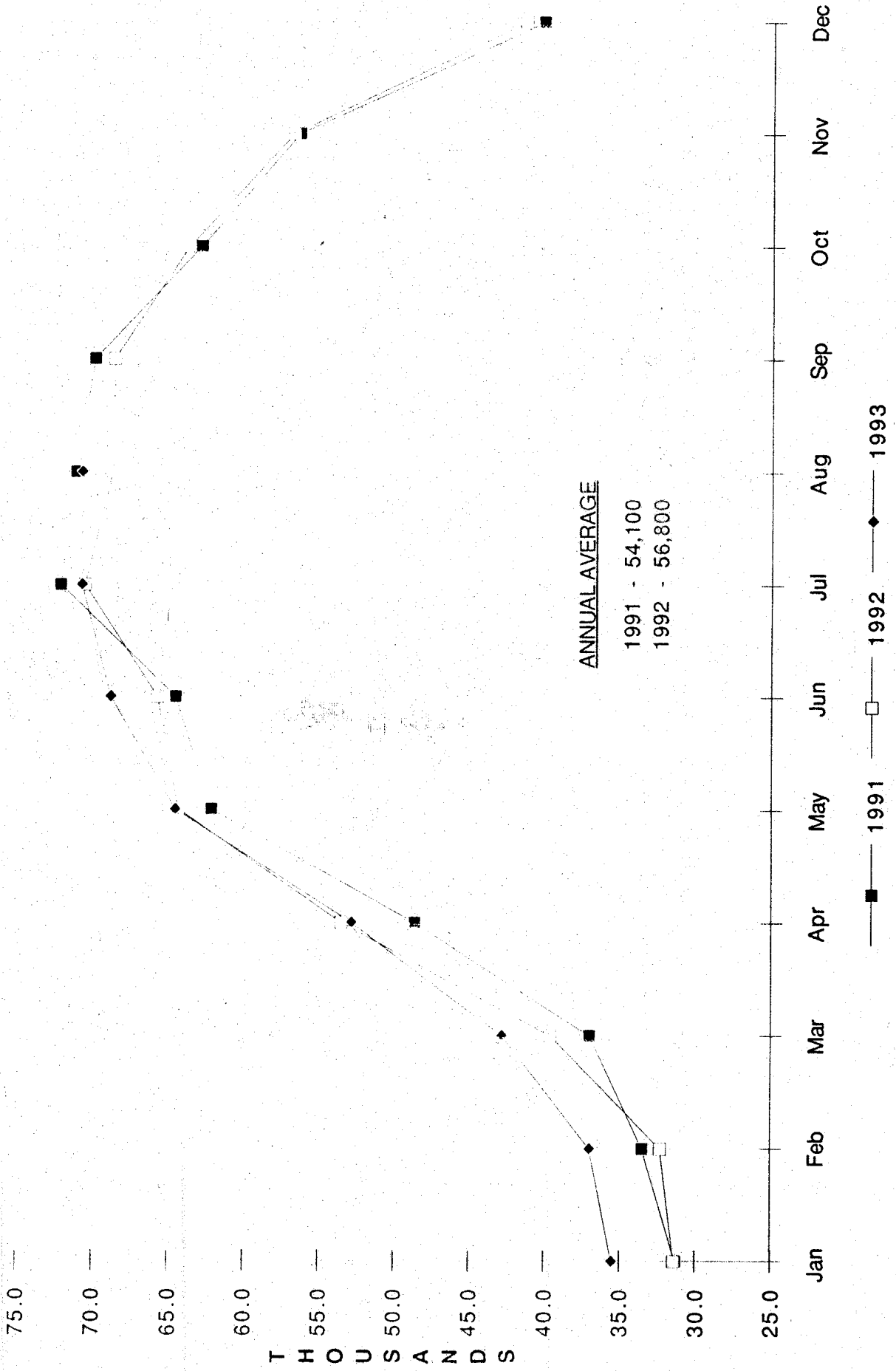


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	70.7	70.7	68.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.3	46.1	45.1
VEGETABLES AND MELONS	16.8	16.4	15.3
TOTAL FRUITS AND TREE NUTS	13.7	14.6	14.8
BERRIES	10.6	10.9	11.5
DECIDUOUS TREE FRUIT	1.4	2.0	1.8
OTHER FRUITS AND NUTS	1.7	1.7	1.5
TOTAL HORTICULTURAL SPECIALTIES	9.6	9.6	9.8
ORNAMENTAL FLORAL & NURSERY	7.5	7.5	7.7
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	5.2	5.5	5.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	24.4	23.6	22.5
CROP SERVICES	13.6	14.4	12.0
HARVEST PRIMARILY BY MACHINE	3.5	3.7	3.0
PREPARATION SVCS FOR MARKET	10.1	10.7	9.0
TOTAL FARM LABOR & MANAGEMENT	10.8	9.2	10.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	65.4	65.2	63.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.2	42.0	41.2
VEGETABLES AND MELONS	15.5	15.0	14.0
TOTAL FRUITS AND TREE NUTS	13.2	14.1	14.3
BERRIES	10.4	10.7	11.3
DECIDUOUS TREE FRUIT	1.3	1.9	1.7
OTHER FRUITS AND NUTS	1.5	1.5	1.3
TOTAL HORTICULTURAL SPECIALTIES	7.9	7.9	8.1
ORNAMENTAL FLORAL & NURSERY	6.1	6.1	6.3
FOOD CROPS GROWN UNDER COVER	1.8	1.8	1.8
GENERAL FARM PRIMARILY CROP	4.6	5.0	4.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.7	0.8
TOTAL AGRICULTURAL SERVICES	23.5	22.5	21.7
CROP SERVICES	12.7	13.4	11.2
HARVEST PRIMARILY BY MACHINE	3.4	3.5	2.8
PREPARATION SVCS FOR MARKET	9.3	9.9	8.4
TOTAL FARM LABOR & MANAGEMENT	10.8	9.1	10.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	303.30	306.00	294.65
TOTAL AGRICULTURAL PRODUCTION/CROPS	313.93	311.36	298.72
VEGETABLES AND MELONS	315.36	324.42	307.33
TOTAL FRUITS AND TREE NUTS	316.63	290.43	281.44
BERRIES	312.73	305.32	284.27
DECIDUOUS TREE FRUIT	336.32	185.56	277.55
OTHER FRUITS AND NUTS	324.00	319.50	260.75
TOTAL HORTICULTURAL SPECIALTIES	323.81	323.40	334.29
ORNAMENTAL FLORAL & NURSERY	313.91	307.95	327.75
FOOD CROPS GROWN UNDER COVER	356.53	376.26	358.28
GENERAL FARM PRIMARILY CROP	289.51	311.88	264.89
TOTAL AGRIC PRODUCTION/LIVESTOCK	306.23	308.38	302.58
TOTAL AGRICULTURAL SERVICES	284.02	295.68	286.04
CROP SERVICES	326.04	319.01	281.64
HARVEST PRIMARILY BY MACHINE	284.31	312.73	298.27
PREPARATION SVCS FOR MARKET	341.34	322.20	276.23
TOTAL FARM LABOR & MANAGEMENT	234.63	261.35	289.94

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	42.9	42.5	41.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.3	44.8	43.8
VEGETABLES AND MELONS	43.2	43.9	42.1
TOTAL FRUITS AND TREE NUTS	47.4	42.9	43.1
BERRIES	47.6	45.3	43.6
DECIDUOUS TREE FRUIT	53.3	33.8	45.8
OTHER FRUITS AND NUTS	40.5	37.5	35.0
TOTAL HORTICULTURAL SPECIALTIES	45.8	46.6	46.3
ORNAMENTAL FLORAL & NURSERY	46.3	46.1	47.5
FOOD CROPS GROWN UNDER COVER	43.8	48.3	42.2
GENERAL FARM PRIMARILY CROP	46.1	49.9	46.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	40.4	41.9	41.0
TOTAL AGRICULTURAL SERVICES	38.8	38.3	37.1
CROP SERVICES	38.0	36.5	36.2
HARVEST PRIMARILY BY MACHINE	35.1	38.8	41.6
PREPARATION SVCS FOR MARKET	39.1	35.8	34.4
TOTAL FARM LABOR & MANAGEMENT	39.7	40.9	38.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	7.07	7.20	7.10
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.93	6.95	6.82
VEGETABLES AND MELONS	7.30	7.39	7.30
TOTAL FRUITS AND TREE NUTS	6.68	6.77	6.53
BERRIES	6.57	6.74	6.52
DECIDUOUS TREE FRUIT	6.31	5.49	6.06
OTHER FRUITS AND NUTS	8.00	8.52	7.45
TOTAL HORTICULTURAL SPECIALTIES	7.07	6.94	7.22
ORNAMENTAL FLORAL & NURSERY	6.78	6.68	6.90
FOOD CROPS GROWN UNDER COVER	8.14	7.79	8.49
GENERAL FARM PRIMARILY CROP	6.28	6.25	5.66
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.58	7.36	7.38
TOTAL AGRICULTURAL SERVICES	7.32	7.72	7.71
CROP SERVICES	8.58	8.74	7.78
HARVEST PRIMARILY BY MACHINE	8.10	8.06	7.17
PREPARATION SVCS FOR MARKET	8.73	9.00	8.03
TOTAL FARM LABOR & MANAGEMENT	5.91	6.39	7.63

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

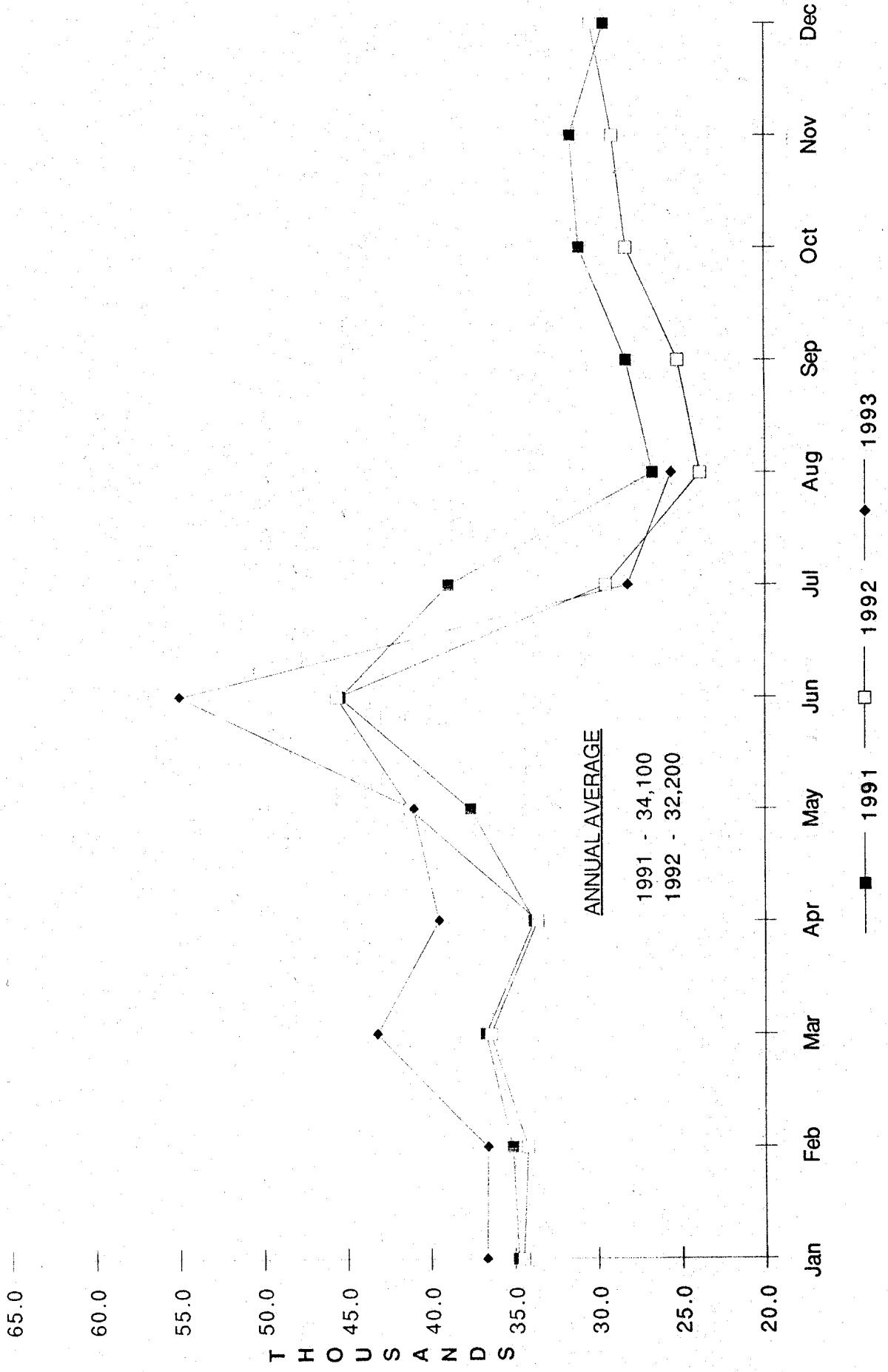


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	25.6	28.2	23.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.6	11.2	8.3
FIELD CROPS	1.4	1.4	1.5
VEGETABLES AND MELONS	1.1	1.3	1.2
TOTAL FRUITS AND TREE NUTS	3.1	4.2	2.8
GRAPES	1.9	3.0	1.2
CITRUS FRUITS	0.5	0.4	0.9
OTHER FRUITS AND NUTS	0.7	0.8	0.7
HORTICULTURAL SPECIALTIES	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	3.2	3.5	2.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.2	5.4	5.4
DAIRY FARMS	2.4	2.6	2.6
CHICKEN EGGS	1.2	1.2	1.2
OTHER LIVESTOCK	1.6	1.6	1.6
TOTAL AGRICULTURAL SERVICES	10.8	11.6	10.2
CROP SERVICES	5.0	5.7	4.9
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.6
HARVEST PRIMARILY BY MACHINE	0.8	0.8	1.0
PREPARATION SVCS FOR MARKET	3.5	4.2	3.3
TOTAL FARM LABOR & MANAGEMENT	5.8	5.9	5.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	23.0	25.6	21.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.3	9.9	7.2
FIELD CROPS	1.2	1.2	1.3
VEGETABLES AND MELONS	1.0	1.2	1.1
TOTAL FRUITS AND TREE NUTS	2.7	3.7	2.5
GRAPES	1.7	2.6	1.0
CITRUS FRUITS	0.4	0.4	0.8
OTHER FRUITS AND NUTS	0.6	0.7	0.7
HORTICULTURAL SPECIALTIES	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	2.8	3.2	1.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.6	4.7	4.7
DAIRY FARMS	2.3	2.4	2.5
CHICKEN EGGS	0.9	0.9	0.8
OTHER LIVESTOCK	1.4	1.4	1.4
TOTAL AGRICULTURAL SERVICES	10.1	11.0	9.8
CROP SERVICES	4.5	5.3	4.5
PLANT CULTIVATE & PROTECTION	0.6	0.5	0.5
HARVEST PRIMARILY BY MACHINE	0.7	0.8	1.0
PREPARATION SVCS FOR MARKET	3.2	4.0	3.0
TOTAL FARM LABOR & MANAGEMENT	5.6	5.7	5.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	309.58	313.71	304.48
TOTAL AGRICULTURAL PRODUCTION/CROPS	325.38	327.06	312.50
FIELD CROPS	321.55	328.68	312.27
VEGETABLES AND MELONS	310.66	295.74	331.71
TOTAL FRUITS AND TREE NUTS	301.97	325.73	273.46
GRAPES	313.89	343.73	251.40
CITRUS FRUITS	286.96	296.53	328.64
OTHER FRUITS AND NUTS	272.66	270.43	240.56
HORTICULTURAL SPECIALTIES	344.70	345.14	300.41
GENERAL FARM PRIMARILY CROP	350.98	335.77	361.91
TOTAL AGRIC PRODUCTION/LIVESTOCK	423.49	413.78	412.83
DAIRY FARMS	505.28	485.81	495.67
CHICKEN EGGS	318.78	305.63	314.44
OTHER LIVESTOCK	354.47	357.28	325.21
TOTAL AGRICULTURAL SERVICES	245.63	259.17	243.96
CROP SERVICES	270.76	286.37	236.98
PLANT CULTIVATE & PROTECTION	318.63	308.49	305.43
HARVEST PRIMARILY BY MACHINE	201.47	226.95	178.24
PREPARATION SVCS FOR MARKET	277.76	295.32	246.14
TOTAL FARM LABOR & MANAGEMENT	225.11	233.98	250.18

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	44.1	45.4	44.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.5	47.4	48.3
FIELD CROPS	50.4	49.5	47.1
VEGETABLES AND MELONS	49.0	46.5	56.8
TOTAL FRUITS AND TREE NUTS	43.2	48.4	43.2
GRAPES	43.9	50.4	41.9
CITRUS FRUITS	42.2	43.8	48.4
OTHER FRUITS AND NUTS	41.5	43.2	38.8
HORTICULTURAL SPECIALTIES	45.0	42.4	43.1
GENERAL FARM PRIMARILY CROP	50.5	46.7	53.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.9	50.4	49.5
DAIRY FARMS	53.3	51.3	51.1
CHICKEN EGGS	50.6	48.9	48.6
OTHER LIVESTOCK	47.2	49.9	47.2
TOTAL AGRICULTURAL SERVICES	38.2	41.6	38.0
CROP SERVICES	43.6	45.6	39.3
PLANT CULTIVATE & PROTECTION	55.9	54.6	52.3
HARVEST PRIMARILY BY MACHINE	35.1	37.7	32.0
PREPARATION SVCS FOR MARKET	43.4	46.0	39.7
TOTAL FARM LABOR & MANAGEMENT	33.8	37.8	36.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	7.02	6.91	6.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.85	6.90	6.47
FIELD CROPS	6.38	6.64	6.63
VEGETABLES AND MELONS	6.34	6.36	5.84
TOTAL FRUITS AND TREE NUTS	6.99	6.73	6.33
GRAPES	7.15	6.82	6.00
CITRUS FRUITS	6.80	6.77	6.79
OTHER FRUITS AND NUTS	6.57	6.26	6.20
HORTICULTURAL SPECIALTIES	7.66	8.14	6.97
GENERAL FARM PRIMARILY CROP	6.95	7.19	6.79
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.32	8.21	8.34
DAIRY FARMS	9.48	9.47	9.70
CHICKEN EGGS	6.30	6.25	6.47
OTHER LIVESTOCK	7.51	7.16	6.89
TOTAL AGRICULTURAL SERVICES	6.43	6.23	6.42
CROP SERVICES	6.21	6.28	6.03
PLANT CULTIVATE & PROTECTION	5.70	5.65	5.84
HARVEST PRIMARILY BY MACHINE	5.74	6.02	5.57
PREPARATION SVCS FOR MARKET	6.40	6.42	6.20
TOTAL FARM LABOR & MANAGEMENT	6.66	6.19	6.78

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

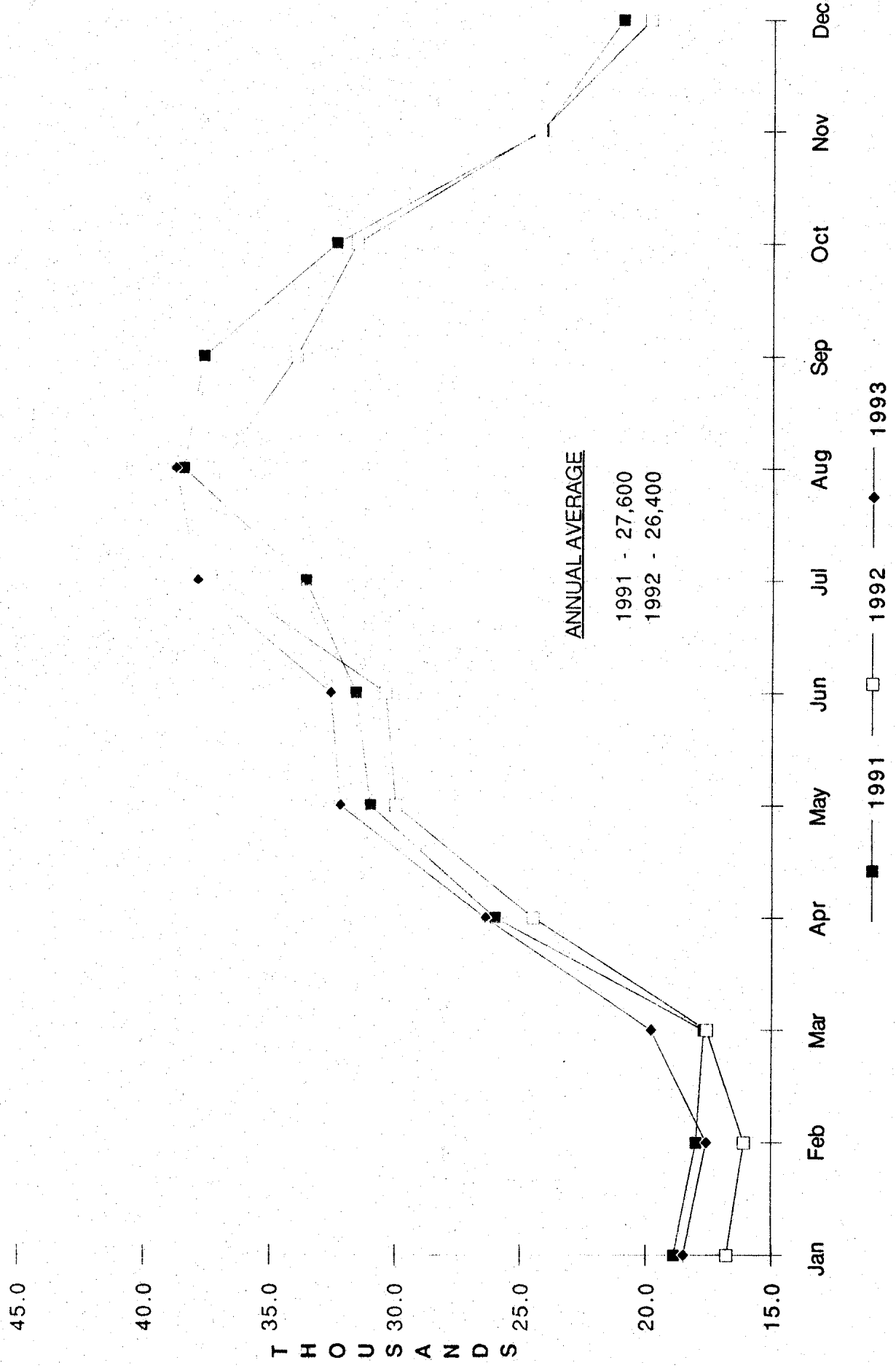


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	38.8	37.9	37.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	27.9	26.3	26.8
RICE	1.5	1.5	1.3
VEGETABLES AND MELONS	2.9	3.0	2.9
TOTAL FRUIT AND TREE NUTS	12.8	10.3	12.5
TREE NUTS	1.9	1.6	2.5
DECIDUOUS TREE FRUIT	8.7	6.8	7.4
OTHER FRUITS AND NUTS	2.2	1.9	2.6
HORTICULTURAL SPECIALTIES	1.9	2.2	1.7
GENERAL FARM PRIMARILY CROP	8.8	9.3	8.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.3	2.2
TOTAL AGRICULTURAL SERVICES	8.7	9.3	8.1
CROP SERVICES	3.3	2.8	2.8
HARVEST PRIMARILY BY MACHINE	1.5	1.4	1.3
PREPARATION SVCS FOR MARKET	1.8	1.4	1.5
TOTAL FARM LABOR & MANAGEMENT	5.4	6.5	5.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	35.6	34.9	34.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	25.8	24.2	24.9
RICE	1.3	1.2	1.2
VEGETABLES AND MELONS	2.8	2.9	2.7
TOTAL FRUIT AND TREE NUTS	12.1	9.6	11.7
TREE NUTS	1.7	1.4	2.3
DECIDUOUS TREE FRUIT	8.3	6.5	6.9
OTHER FRUITS AND NUTS	2.1	1.7	2.5
HORTICULTURAL SPECIALTIES	1.5	1.9	1.4
GENERAL FARM PRIMARILY CROP	8.1	8.6	7.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	7.9	8.8	7.3
CROP SERVICES	2.6	2.4	2.2
HARVEST PRIMARILY BY MACHINE	1.2	1.2	1.1
PREPARATION SVCS FOR MARKET	1.4	1.2	1.1
TOTAL FARM LABOR & MANAGEMENT	5.3	6.4	5.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	274.47	260.80	287.88
TOTAL AGRICULTURAL PRODUCTION/CROPS	282.43	266.76	288.24
RICE	351.29	370.14	319.60
VEGETABLES AND MELONS	333.31	342.78	374.97
TOTAL FRUIT AND TREE NUTS	237.40	203.33	255.47
TREE NUTS	292.40	287.83	307.75
DECIDUOUS TREE FRUIT	238.46	183.93	264.99
OTHER FRUITS AND NUTS	189.91	209.21	178.18
HORTICULTURAL SPECIALTIES	327.63	310.85	280.35
GENERAL FARM PRIMARILY CROP	313.17	286.71	304.88
TOTAL AGRIC PRODUCTION/LIVESTOCK	323.29	291.25	337.70
TOTAL AGRICULTURAL SERVICES	236.34	236.42	270.54
CROP SERVICES	268.93	291.21	353.21
HARVEST PRIMARILY BY MACHINE	307.01	297.02	366.79
PREPARATION SVCS FOR MARKET	237.26	284.99	340.49
TOTAL FARM LABOR & MANAGEMENT	219.94	216.81	235.05

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	46.6	45.2	47.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.3	45.6	48.2
RICE	50.4	53.8	47.0
VEGETABLES AND MELONS	53.5	59.1	56.9
TOTAL FRUIT AND TREE NUTS	39.5	35.3	43.3
TREE NUTS	47.7	46.2	50.7
DECIDUOUS TREE FRUIT	38.9	32.1	43.8
OTHER FRUITS AND NUTS	35.3	38.6	34.8
HORTICULTURAL SPECIALTIES	48.9	50.3	45.0
GENERAL FARM PRIMARILY CROP	52.9	50.3	53.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	50.2	46.6	51.4
TOTAL AGRICULTURAL SERVICES	46.8	43.7	45.7
CROP SERVICES	39.9	43.4	49.4
HARVEST PRIMARILY BY MACHINE	42.7	44.2	52.7
PREPARATION SVCS FOR MARKET	37.6	42.6	46.2
TOTAL FARM LABOR & MANAGEMENT	50.1	43.8	44.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	5.89	5.77	6.01
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.10	5.85	5.98
RICE	6.97	6.88	6.80
VEGETABLES AND MELONS	6.23	5.80	6.59
TOTAL FRUIT AND TREE NUTS	6.01	5.76	5.90
TREE NUTS	6.13	6.23	6.07
DECIDUOUS TREE FRUIT	6.13	5.73	6.05
OTHER FRUITS AND NUTS	5.38	5.42	5.12
HORTICULTURAL SPECIALTIES	6.70	6.18	6.23
GENERAL FARM PRIMARILY CROP	5.92	5.70	5.72
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.44	6.25	6.57
TOTAL AGRICULTURAL SERVICES	5.05	5.41	5.92
CROP SERVICES	6.74	6.71	7.15
HARVEST PRIMARILY BY MACHINE	7.19	6.72	6.96
PREPARATION SVCS FOR MARKET	6.31	6.69	7.37
TOTAL FARM LABOR & MANAGEMENT	4.39	4.95	5.33

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

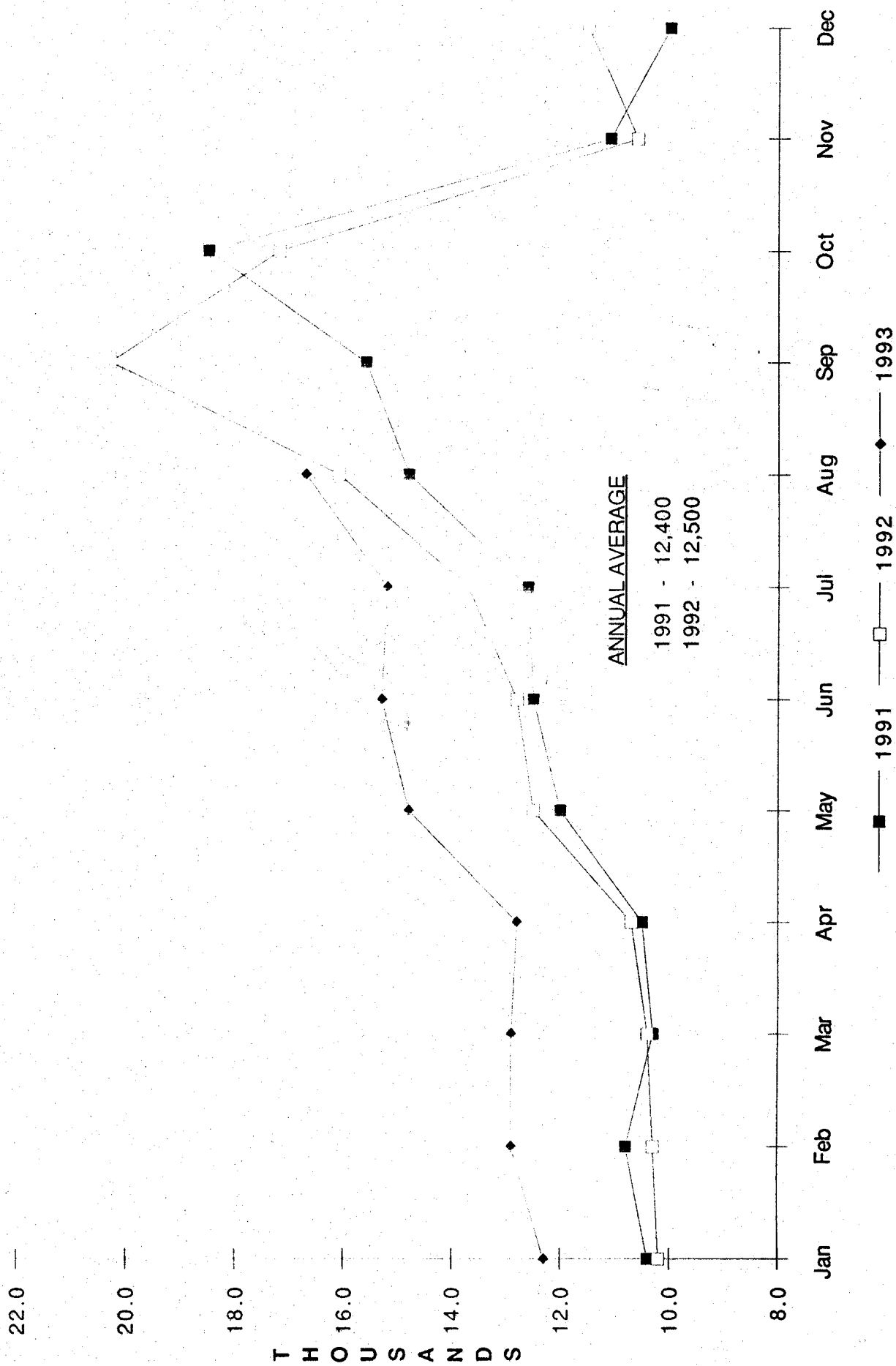


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	16.7	15.2	16.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	12.0	11.7	11.5
TOTAL FRUITS AND TREE NUTS	9.5	9.1	9.5
GRAPES	6.5	7.4	6.3
OTHER FRUITS AND NUTS	3.0	1.7	3.2
TOTAL HORTICULTURAL SPECIALTIES	1.7	1.8	1.3
GENERAL FARM PRIMARILY CROP (2)	0.8	0.8	0.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	2.7	1.5	2.6

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	13.8	12.5	13.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.5	9.5	9.2
TOTAL FRUITS AND TREE NUTS	7.4	7.3	7.6
GRAPES	4.5	5.7	4.8
OTHER FRUITS AND NUTS	2.9	1.6	2.8
TOTAL HORTICULTURAL SPECIALTIES	1.3	1.5	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.7	1.8
TOTAL AGRICULTURAL SERVICES	2.5	1.3	2.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	322.50	316.20	298.33
TOTAL AGRICULTURAL PRODUCTION/CROPS	301.35	314.97	299.52
TOTAL FRUITS AND TREE NUTS	301.45	323.24	299.05
GRAPES	310.34	312.70	324.87
OTHER FRUITS AND NUTS	287.80	362.81	255.04
TOTAL HORTICULTURAL SPECIALTIES	287.92	270.07	299.47
TOTAL AGRIC PRODUCTION/LIVESTOCK	333.76	316.98	311.96
TOTAL AGRICULTURAL SERVICES	397.11	327.99	285.03

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1993	JUL 1993	AUG 1992
TOTAL AGRICULTURAL	43.0	44.1	40.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.0	44.3	41.2
TOTAL FRUITS AND TREE NUTS	39.2	43.8	39.4
GRAPES	37.3	42.2	39.0
OTHER FRUITS AND NUTS	42.2	49.7	40.1
TOTAL HORTICULTURAL SPECIALTIES	40.1	39.6	44.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.3	47.1	47.7
TOTAL AGRICULTURAL SERVICES	46.5	39.0	34.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.